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PATENT
Our Docket: P-TB 5072

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In Re Application of:
Sem et al.

Serial No.: 10/040,895

Filed: December 28, 2001

For: METHODS FOR PREDICTING
FUNCTIONAL AND STRUCTURAL
PROPERTIES OF POLYPEPTIDES
USING SEQUENCE MODELS

) Examiner: Not yet assigned
)
) Group Art Unit: 1631
)
) I hereby certify that this correspondence
) is being deposited with the United States
) Postal Service as first class mail in an
) envelope addressed to: United States
) Patent and Trademark Office, Attention
) Box Sequence, P.O. Box 2327, Arlington,
) Virginia 22202, on April 3, 2002.

United States Patent and
Trademark Office
Attention Box Sequence
P.O. Box 2327, Arlington, Virginia 22202

) By: John T. Murphy
John T. Murphy, Reg. No. 50,583
April 3, 2002
Date of Signature

MISSING PARTS TRANSMITTAL

Dear Sir:

In response to the Notice to File Missing Parts mailed
February 5, 2002, enclosed are:

- X 1. Preliminary Amendment with attached Appendix A;
- X 2. Statement Under 37 C.F.R. § 1.821(f) and (g);
- X 3. Paper copy of sequence listing, pages 1 through 12;
- X 4. Sequence listing in computer readable form;
- X 5. Copy of Notice to File Missing Parts.

- X The Commissioner is hereby authorized to charge payment of
the following fees associated with this communication or
credit any overpayment to Deposit Account No. 03-0370. A
duplicate copy of this sheet is enclosed.
 - X Any additional filing fees required under 37 C.F.R.
1.16.
 - X Any patent application processing fees under 37 C.F.R.
1.17.

- X The Commissioner is hereby authorized to charge to Deposit
Account No. 03-0370 any fees under 37 CFR 1.17 which may be
required under 37 CFR 1.136(a)(3) for an extension of time
in any concurrent or future reply requiring a petition for
extension of time. A duplicate copy of this sheet is
enclosed.

Respectfully submitted

Date: April 3, 2002

By: John T. Murphy
John T. Murphy
Reg. No. 50,583

CAMPBELL & FLORES LLP
4370 La Jolla Village Drive
7th Floor
San Diego, California 92122
Telephone: (858) 535-9001
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USPTO CUSTOMER NO. 23601



PATENT
Our Docket: P-TB 5072

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
Sem et al.) Examiner: Not yet assigned
Serial No.: 10/040,895) Group Art Unit: 1631
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For: METHODS FOR PREDICTING) is being deposited with the United States
FUNCTIONAL AND STRUCTURAL) Postal Service as first class mail in an
PROPERTIES OF POLYPEPTIDES) envelope addressed to: Commissioner for
USING SEQUENCE MODELS) Patents, Attention Box Missing Parts,
Washington, D.C., 20231, on
April 3, 2002.
By John T. Murphy
John T. Murphy, Reg. No. 50,583
April 3, 2002
Date of Signature
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231
Attention: BOX MISSING PARTS

MISSING PARTS TRANSMITTAL

Dear Sir:

In response to the Notice to File Missing Parts mailed February 5, 2002, enclosed are:

- X 1. A copy of the Notice to File Missing Parts;
- X 2. An executed Declaration for Patent Application;
- X 3. A Recordation Form Cover Sheet and an executed Assignment;
- X 4. An executed Small Entity Statement;
- X 5. An executed Power of Attorney for Patent Application by Assignee;
- X 6. An executed Statement Under CFR 3.73(b) with copy of executed Assignment;

The filing fee has been calculated as shown below:

| | NUMBER FILED | | NUMBER EXTRA | | RATE | | FEE | |
|--|-----------------|---|-----------------|---|-----------------|-----------------|-----------------|-----------------|
| | | | | | SMALL ENTITY | OTHER ENTITY | SMALL ENTITY | OTHER ENTITY |
| TOTAL CLAIMS | 32-20 | = | 12 | x | \$9 | \$18 | = | \$108 |
| INDEPEN- DENT CLAIMS | 3 - 3 | = | 0 | x | \$42 | \$84 | = | \$0 |
| MULTIPLE DEPENDENT CLAIMS PRESENTED: ____ YES ____ X NO | | | | | \$140 | \$280 | = | \$0 |
| | | | | | BASIC FEE | | \$370 | \$740 |
| | | | | | TOTAL FEE | | \$478 | |

- X 7. A check in the amount of \$583.00 to cover the filing fee of \$478.00, the surcharge fee of \$65.00, and \$40.00 for recording an Assignment for the application is enclosed.
- X 8. A paper copy of the Sequence Listing, pages 1 through 12 and a computer-readable copy are being concurrently filed and sent to United States Patent and Trademark

Inventors: Sem et al.
Serial No.: 10/040,395
Filed: December 28, 2001
Page 2

Office, Attention Box Sequence, P.O. Box 2327,
Arlington, Virginia 22202.

X 9. A Preliminary Amendment regarding the Sequence Listing is being filed concurrently and addressed to United States Patent and Trademark Office, Attention Box Sequence, P.O. Box 2327, Arlington, Virginia 22202. A copy of the Preliminary Amendment is enclosed.

X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 03-0370. A duplicate copy of this sheet is enclosed.

X Any additional filing fees required under 37 C.F.R. 1.16.

X Any patent application processing fees under 37 C.F.R. 1.17.

X The Commissioner is hereby authorized to charge to Deposit Account No. 03-0370 any fees under 37 CFR 1.17 which may be required under 37 CFR 1.136(a)(3) for an extension of time in any concurrent or future reply requiring a petition for extension of time. A duplicate copy of this sheet is enclosed.

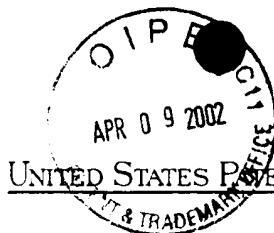
Respectfully submitted

Date: April 3, 2002

By: 

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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20230
www.uspto.gov

| APPLICATION NUMBER | FILING RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/040,895 | 12/28/2001 | Daniel S. Sem | P-TB 5072 |

CONFIRMATION NO. 1917

FORMALITIES LETTER



OC000000007425018

CAMPBELL & FLORES LLP
7th Floor
4370 La Jolla Village Drive
San Diego, CA 92122

Date Mailed: 02/05/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

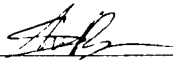
- The statutory basic filing fee is missing.
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$216.
 - \$216 for 12 total claims over 20.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1086.**
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be

submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

A copy of this notice MUST be returned with the reply.



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE